

## **SEPARABLE MODULATOR**

### **ABSTRACT**

A separable modulator architecture is disclosed. The modulator has a mirror  
5 suspended from a flexible layer over a cavity. The flexible layer also forms supports and  
support posts for the mirror. An alternative separable modulator architecture has a mirror  
suspended over a cavity. The modulator is supported by supports and support posts. The  
support posts comprise a flexible layer over support post plugs. A bus structure may be  
formed upon the flexible layer arranged over the support posts.